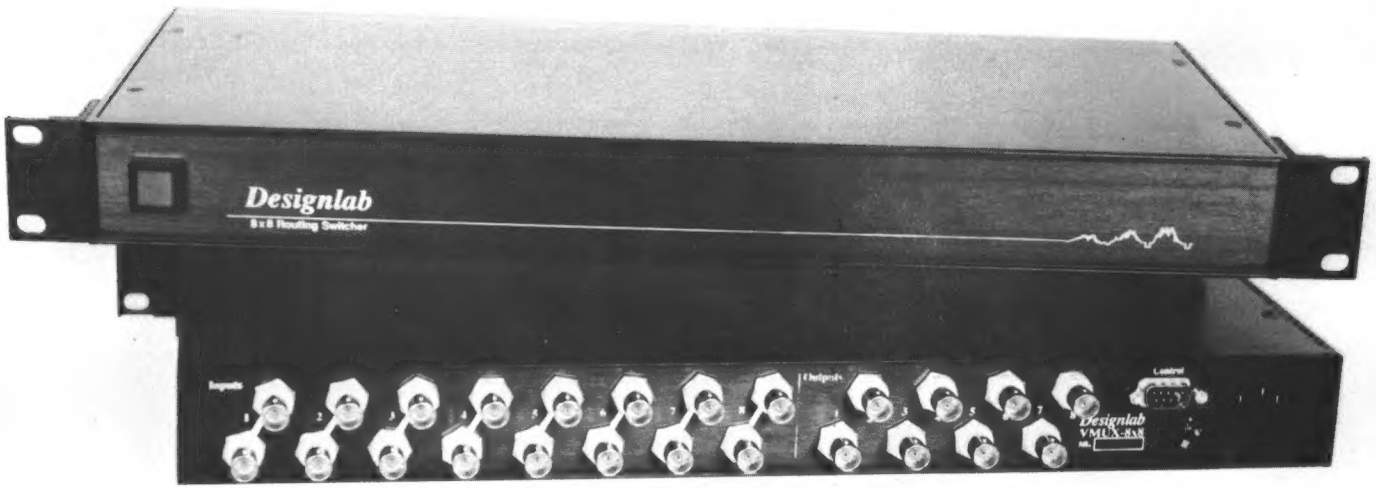
VMUX-8x8 Video Routing Switcher



IT'S TIME TO SWITCH!

Tired of paying too much for video routing switchers? It's time to switch to the ***Designlab*** VMUX series of computer controlled routers. Looking into using routers for the first time, but scared off by the cost? Never before have there been such high performance video switching matrixes at such reasonable prices. By mixing state-of-the-art technology with innovative designs, ***Designlab*** has created switchers with high enough quality for the largest studios while keeping the price low enough for even the smallest studios.

The VMUX-8x8 is a general purpose video switching matrix that can be used many places in a studio as well as in many non-studio applications.

A studio might have a switcher reducing large banks of cameras and VCRs down to a few channels for an SEG. Another switcher might be used to connect key pieces of equipment together with instant patching on a single keystroke. There might be a matrix shared by a couple of editing suites where the editing decks can be patched to each other, or to the studio. All of these switchers could be controlled by one personal computer in a fixed location with some remote pushbuttons.

These switchers are ideal for sequencing images in security systems, or for video art installations, or a school might use them to route images out to all the classrooms. A nightclub might have cameras and VCRs switched to monitors all around the club. The applications are virtually unlimited.

The VMUX-8x8 has jumper options to cover studio and field installations. These include 3 types of grounding and 3 input coupling options. It also has loop-thru inputs, making these switchers easy to stack.

The VMUX-8x8 doesn't have a built in computer like many routers do, it uses a low cost personal computer instead (available separately). It takes very little computer power to control a video switcher, so why pay for a computer built into each switcher? By using a personal computer, the capabilities of the switcher can be easily upgraded with new software, and one computer can control several switchers.

Contact us for more information.

Designlab

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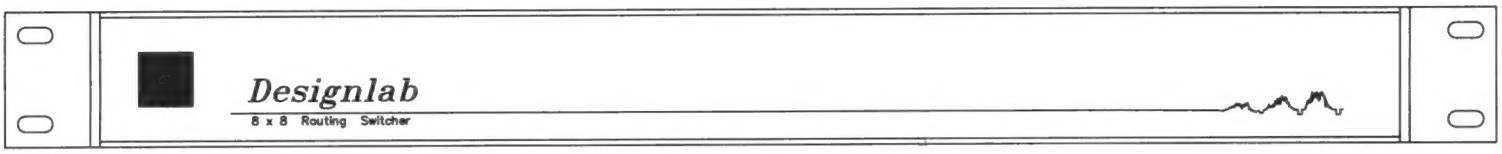

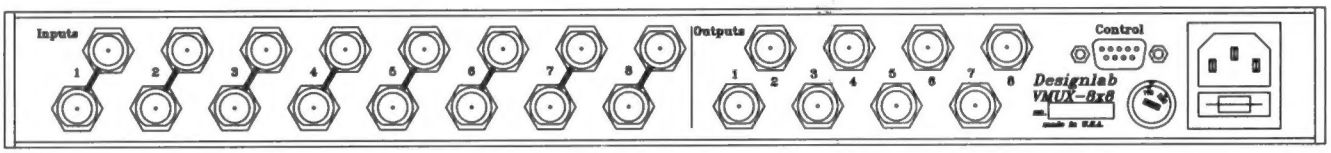

FEATURES:

- Wide Bandwidth (20 MHZ)
- Low noise
- Low crosstalk
- Controlled by Centronic printer port
- Optically isolated computer input
- Loop-thru inputs
- Input coupling options (jumper selected for each input):
  - •Direct coupling
  - •AC coupling
  - •DC restoration
- Grounding options (jumper selected for each input):
  - •Single ended (0 ohm ground)
  - •Semi-isolated (200 ohm ground)
  - •Common mode (3k ohm ground)
- Switching options (software controlled) (all vertical interval switching is timed by the vertical interval of input 1):
  - •Immediate switching
  - •Next vertical interval
  - •Next odd vertical
  - •Next even vertical
- 110/220 volt 50/60 Hz
- 19 inch rack mountable
- Removable rack mount ears
- One 'rack unit' high (1.75 inch)
- Quiet (no fans)
- IEC power connector
- Power switch on front panel
- Fuse and voltage selector accessed from back panel
- NTSC/PAL compatible
- Cascadable for RGB or Component
- Software drivers supplied for PC-Clone or Amiga
- Cable supplied for PC-Clone or Amiga
- 1 year warranty

TYPICAL APPLICATIONS:

- Broadcast stations
- Production studios
- Post houses
- Duplication systems
- Editing suites
- Schools
- Art installations
- Hospitals
- Museums
- Hotels
- Jails
- Libraries
- Airports
- Nightclubs
- Cable stations
- Trade shows
- Nursing homes
- Video stores
- Sports recording
- Training/education centers
- Camera/VCR switching
- DVE routing
- Dynamic patching
- Multi-channel preview bank
- Backstage monitors
- Test generator routing
- Security/surveillance systems
- Multi-channel, variable speed sequencing
- Source selection for external keyers
- Channel blanking and switching for cable
- Remote selection for waveform/vectorscopes
- Store window and in-store retail displays
- Warehouse / order processing displays

SYSTEM REQUIREMENTS:

- PC-Clone with DOS 3.3 or higher, or Amiga with DOS 1.3 or higher

Custom Accessories:

- Scripted/Timecode controlled software
- CONMUX intelligent hardware controllers
- Multi-switcher junction box
- Custom software
- Custom cables

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